

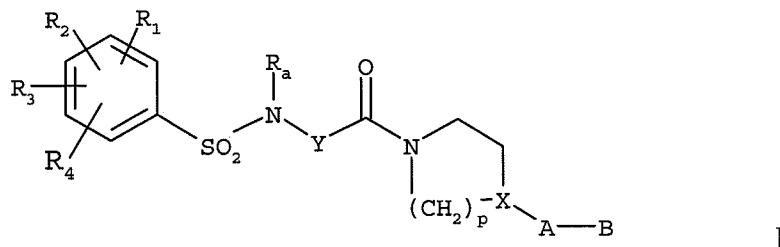
Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A ~~benzenesulphonamide derivative~~ compound, selected from the group consisting of:

a) a compound of formula:



in which,

R₁ represents one atom or group of atoms selected from a hydrogen atom, the halogens, C₁-C₃ alkyl groups, or C₁-C₃ alkoxy groups,

R₂ represents one atom or group of atoms selected from a hydrogen atom, the halogens, C₁-C₃ alkyl groups, C₁-C₃ alkoxy groups, or CF₃,

R₃ represents one atom or group of atoms selected from a hydrogen atom, the halogens, C₁-C₃ alkyl groups, or C₁-C₃ alkoxy groups,

R₄ represents one atom or group of atoms selected from a hydrogen atom or C₁-C₃ alkyl groups,

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R_a represents a C₁-C₄ alkyl group,

Y represents a -CH₂-CH₂-O-CH₂- group saturated C₃-C₅ alkylene group interrupted by an oxygen atom,

X represents CH or a nitrogen atom,

p represents 2 or 3,

A represents a single bond, a nitrogen atom optionally substituted with a methyl group, or a straight or branched C₁-C₅ alkylene group optionally hydroxylated or of which one of the carbon atoms is oxidized into a ketone function, provided that A and X together do not represent a nitrogen atom,

B represents a nitrogen-containing heterocycle or an amine group optionally substituted with one or two C₁-C₄ alkyl groups, or

b) addition salts of the above formula I compounds with an acid.

2. (Cancelled)

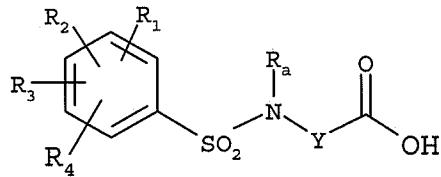
3. (Previously Presented) A compound according to claim 1, wherein R₂ and R₃ represent a methyl group at position 2,6 on the aromatic ring.

4. (Withdrawn – Currently Amended) A method for preparing a formula I compound as defined in claim 1, and its addition salts, comprising:

a) allowing an acid of formula:

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II

in which

R₁, R₂, R₃ and R₄ each independently represent a hydrogen or halogen atom, a C₁-C₃ alkyl group, or a C₁-C₃ alkoxy group, CF₃ or OCF₃ group,

R₁ represents one atom or group of atoms selected from a hydrogen atom, the halogens, C₁-C₃ alkyl groups, or C₁-C₃ alkoxy groups,

R₂ represents one atom or group of atoms selected from a hydrogen atom, the halogens, C₁-C₃ alkyl groups, C₁-C₃ alkoxy groups, or CF₃,

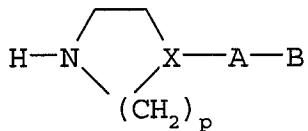
R₃ represents one atom or group of atoms selected from a hydrogen atom, the halogens, C₁-C₃ alkyl groups, or C₁-C₃ alkoxy groups,

R₄ represents one atom or group of atoms selected from a hydrogen atom or C₁-C₃ alkyl groups,

R_a represents a C₁-C₄ alkyl group,

Y represents a -CH₂-CH₂-O-CH₂- group saturated C₂-C₅ alkylene group, optionally interrupted by an oxygen atom, an unsaturated C₂-C₄ alkylene group, or a -CH₂-CO-NH-CH₂- group,

to react with a nitrogen-containing heterocycle of formula:



III

in which

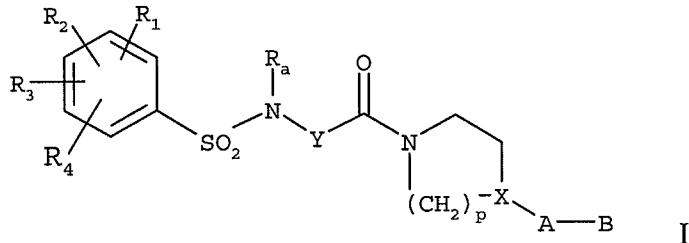
X represents CH or a nitrogen atom,

p represents 2 or 3,

A represents a single bond, a nitrogen atom optionally substituted with a methyl group (if X does not represent a nitrogen atom), or a straight or branched C₁-C₅ alkylene group, optionally hydroxylated or of which one of the carbon atoms is oxidized into a ketone function,

B represents a nitrogen-containing heterocycle or an amine group optionally substituted with one or two C₁-C₄ alkyl groups, on the understanding that, should a non-substituted nitrogen atom be present, this nitrogen atom is protected by an amino-protecting group,

in a solvent, in the presence of activators, at a temperature lying between ambient temperature and the boiling point of the solvent, for approximately about 2 to 15 hours, to obtain the amide of formula:

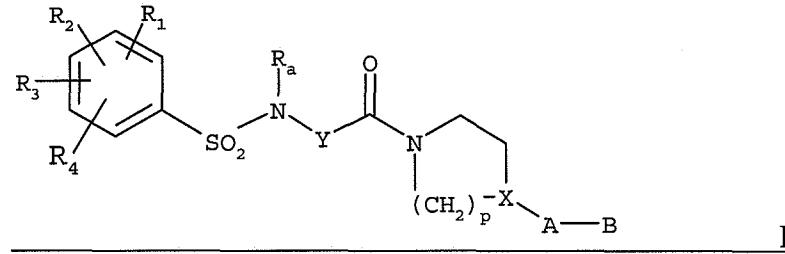


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in which R₁, R₂, R₃, R₄, R_a, Y, p, X, A and B maintain the same meaning as in the starting products,

- b) if necessary optionally, removing the amino-protecting groups, and
 - c) if necessary optionally, obtaining an addition salt of the formula I compound with a mineral or organic acid.
5. (Withdrawn – Currently Amended) A method for preparing a formula I compound [[as]] of formula:



in which,

R₁ represents one atom or group of atoms selected from a hydrogen atom, the halogens, C₁-C₃ alkyl groups, or C₁-C₃ alkoxy groups,

R₂ represents one atom or group of atoms selected from a hydrogen atom, the halogens, C₁-C₃ alkyl groups, C₁-C₃ alkoxy groups, or CF₃,

R₃ represents one atom or group of atoms selected from a hydrogen atom, the halogens, C₁-C₃ alkyl groups, or C₁-C₃ alkoxy groups,

R₄ represents one atom or group of atoms selected from a hydrogen atom or C₁-C₃ alkyl groups,

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R_a represents a C₁-C₄ alkyl group,

Y represents a -CH₂-CH₂-O-CH₂- group,

X represents CH or a nitrogen atom,

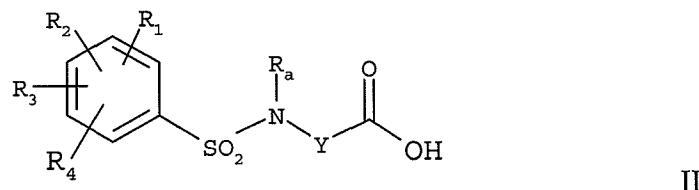
p represents 2 or 3,

A represents a single bond, a nitrogen atom optionally substituted with a methyl group, or a straight or branched C₁-C₅ alkylene group optionally hydroxylated or of which one of the carbon atoms is oxidized into a ketone function, provided that A and X together do not represent a nitrogen atom,

B represents a nitrogen-containing heterocycle or an amine group optionally substituted with one or two C₁-C₄ alkyl groups,

and its addition salts, the method comprising:

- a) allowing an acid of formula:



in which R₁, R₂, R₃ and R₄ each independently represent a hydrogen or halogen atom, a C₁-C₃ alkyl group, or a C₁-C₃ alkoxy group, CF₃ or OCF₃ group;

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R₁ represents one atom or group of atoms selected from a hydrogen atom, the halogens, C₁-C₃ alkyl groups, or C₁-C₃ alkoxy groups,

R₂ represents one atom or group of atoms selected from a hydrogen atom, the halogens, C₁-C₃ alkyl groups, C₁-C₃ alkoxy groups, or CF₃,

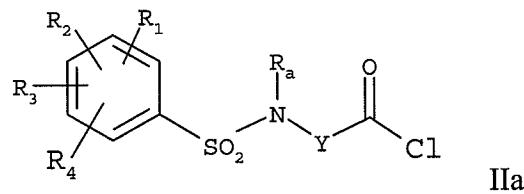
R₃ represents one atom or group of atoms selected from a hydrogen atom, the halogens, C₁-C₃ alkyl groups, or C₁-C₃ alkoxy groups,

R₄ represents one atom or group of atoms selected from a hydrogen atom or C₁-C₃ alkyl groups,

R_a represents a C₁-C₄ alkyl group,

Y represents a ~~—CH₂-CH₂-O-CH₂-~~ group saturated C₂-C₅ alkylene group, optionally interrupted by an oxygen atom, an unsaturated C₂-C₄ alkylene group, or a ~~—CH₂-CO-NH-CH₂-~~ group,

to react with a chlorination agent, to obtain the acid chloride of formula:



in which R₁, R₂, R₃, R₄, R_a and Y have the same meaning as in the starting compound, and

b) allowing the acid chloride of formula IIa to react with an amine of formula III as defined in claim 4, to obtain the compound of formula I, and

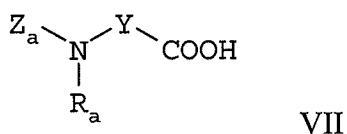
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c) if necessary optionally, obtaining an addition salt of the formula I compound with a mineral or organic acid.

6. (Withdrawn - Currently Amended) A method for preparing a formula I compound such as defined in claim 1, and its addition salts, comprising:

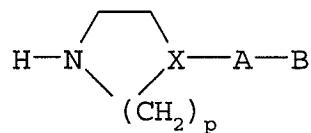
a) allowing an acid compound of formula:



in which Ra represents a C₁-C₄ alkyl group,

Y represents a -CH₂-CH₂-O-CH₂- group ~~saturated C₂-C₅ alkylene group, optionally interrupted by an oxygen atom~~, and Z_a represents an amino-protecting group,

to react with a nitrogen-containing heterocycle of formula:



III

in which

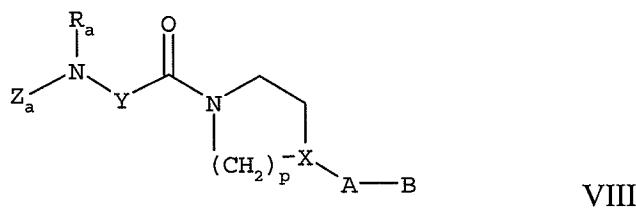
X represents CH or a nitrogen atom,

p represents 2 or 3,

A represents a single bond, a nitrogen atom optionally substituted with a methyl group (if X does not also represent a nitrogen atom) or a straight or branched C₁-C₅ alkylene group, optionally hydroxylated or of which one of the carbon atoms is oxidized into a ketone function,

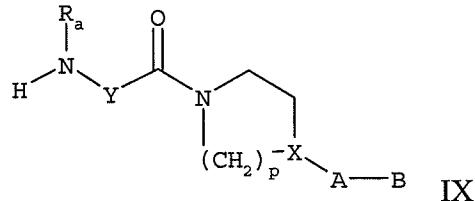
B represents a nitrogen-containing heterocycle or an amine group optionally substituted with one or two C₁-C₄ alkyl groups, on the understanding that, should a non-substituted nitrogen atom be present on said nitrogen-containing heterocycle, this nitrogen atom is protected by a different amino-protecting group to the amino-protecting group used for acid compound VII,

in a solvent, in the presence of activators, at a temperature generally lying between ambient temperature and the boiling point of the solvent, for approximately about 2 to 15 hours, to obtain the amide of formula:



in which Z_a, R_a, Y, p, X, A and B maintain the same meaning as in the starting compounds,

- b) removing the Z_a amino-protecting group to obtain the secondary amine of formula:

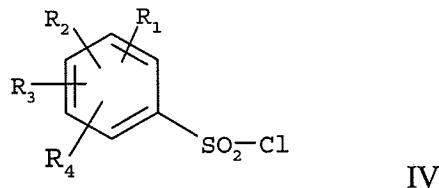


in which R_a, Y, p, X, A and B maintain the same meaning as in the preceding compound,

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c) allowing this secondary amine IX to react with a benzenesulphonyl chloride of formula:



in which R_1 , R_2 , R_3 and R_4 each independently represent a hydrogen or halogen atom, a C_1-C_3 alkyl group, or a C_1-C_3 alkoxy group, CF_3 or OCF_3 group,

R_1 represents one atom or group of atoms selected from a hydrogen atom, the halogens, C_1-C_3 alkyl groups, or C_1-C_3 alkoxy groups,

R_2 represents one atom or group of atoms selected from a hydrogen atom, the halogens, C_1-C_3 alkyl groups, C_1-C_3 alkoxy groups, or CF_3 ,

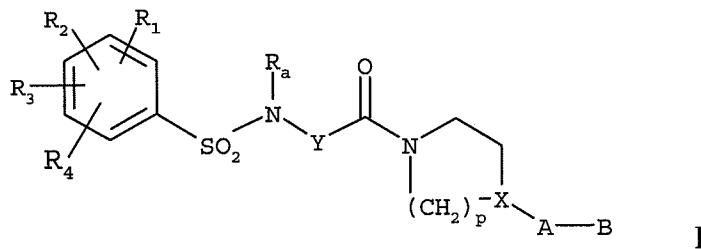
R_3 represents one atom or group of atoms selected from a hydrogen atom, the halogens, C_1-C_3 alkyl groups, or C_1-C_3 alkoxy groups,

R_4 represents one atom or group of atoms selected from a hydrogen atom or C_1-C_3 alkyl groups,

in a solvent, in the presence of an aprotic organic base, at a temperature between approximately about 0 and 50°C, for approximately about 1 to 3 hours, to obtain the sulphonamide of formula:

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in which R₁, R₂, R₃, R₄, R_a, Y, p, X, A and B maintain the same meaning as in the starting compounds,

- d) if necessary optionally, removing the amino-protecting groups, and
- e) if necessary optionally, obtaining an addition salt of the formula I compound with a mineral or organic acid.

7. (Previously Presented) A therapeutic composition, wherein, in association with at least one physiologically acceptable excipient, it contains at least one formula I compound according to claim 1, or one of its pharmaceutically acceptable addition salts with an acid.

8-9. (Cancelled)

10. (Currently Amended) The ~~benzenesulphonamide derivative~~ compound of claim 1, wherein the formula I compound comprises N(2-hydroxyethyl)-4-methoxy-N,2,6-trimethylbenzene-sulphonamide;

[2-[(4-methoxy-2,6-dimethylphenyl)sulphonyl]methylamino]-ethoxy]acetic acid, 1,1-dimethylethyl ester;

[2-[(4-methoxy-2,6-dimethylphenyl)sulphonyl]methylamino]-ethoxy]acetic acid;

1-[[2-[(4-methoxy-2,6-dimethylphenyl)sulphonyl]methylamino]-ethoxy]acetyl]-4-[2-(1-pyrrolidinyl)ethyl]piperazine, bis-trifluoroacetate;

[2-[(2,4,6-trimethylphenyl)sulphonyl]methylamino]ethoxy]-acetic acid, 1,1-dimethylethyl ester;

[2-[(2,4,6-trimethylphenyl)sulphonyl]methylamino]ethoxy]-acetic acid;

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N-ethyl-N-(2-hydroxyethyl)-4-methoxy-2,6-dimethylbenzene-sulphonamide;
[2-[[*(4-methoxy-2,6-dimethylphenyl)sulphonyl*]ethylamino]-ethoxy]acetic acid, 1,1-dimethylethyl ester;
[2-[[*(4-methoxy-2,6-dimethylphenyl)sulphonyl*]ethylamino]-ethoxy]acetic acid;
N-(2-hydroxyethyl)-4-methoxy-2,6-dimethyl-N-(1-methylethyl)benzene-sulphonamide;
[2-[[*(4-methoxy-2,6-dimethylphenyl)sulphonyl*]*(1-methylethyl)amino*]-ethoxy]acetic acid, 1,1-dimethylethyl ester;
[2-[[*(4-methoxy-2,6-dimethylphenyl)sulphonyl*]*(1-methylethyl)amino*]-ethoxy]acetic acid;
N-cyclopropyl-N-(2-hydroxyethyl)-4-methoxy-2,6-dimethylbenzene-sulphonamide;
[2-[cyclopropyl[(4-methoxy-2,6-dimethylphenyl)sulphonyl]
amino]ethoxy]acetic acid, 1,1-dimethylethyl ester;
[2-[cyclopropyl[(4-methoxy-2,6-dimethylphenyl)sulphonyl]-amino]ethoxy]acetic acid;
2,6-dichloro-4-methoxybenzenesulphonyl chloride and 2,4-dichloro-6-methoxybenzenesulphonyl chloride;
2,6-dichloro-N-(2-hydroxyethyl)-4-methoxy-N-methyl-benzenesulphonamide;
2,4-dichloro-N-(2-hydroxyethyl)-6-methoxy-N-methyl-benzenesulphonamide;
[2-[[*(2,6-dichloro-4-methoxyphenyl)sulphonyl*]methylamino]-ethoxy]acetic acid, 1,1-dimethylethyl ester;
[2-[[*(2,6-dichloro-4-methoxyphenyl)sulphonyl*]methylamino]-ethoxy] acetic acid;
[2-[[*(2,4-dichloro-6-methoxyphenyl)sulphonyl*]methylamino]ethoxy]acetic acid, 1,1-dimethylethyl ester;
[2-[[*(2,4-dichloro-6-methoxyphenyl)sulphonyl*]methylamino]
ethoxy]acetic acid;
2,4-dichloro-N-(2-hydroxyethyl)-3,N-dimethyl-benzenesulphonamide;
[2-[[*(2,4-dichloro-3-methylphenyl)sulphonyl*]methylamino]ethoxy]
acetic acid, 1,1-dimethylethyl ester;
[2-[[*(2,4-dichloro-3-methylphenyl)sulphonyl*]methylamino]ethoxy]acetic acid;
N-(2-hydroxyethyl)-N-methyl-2-(trifluoromethyl)benzene-sulphonamide;

[2-[[[2-(trifluoromethyl)phenyl]sulphonyl]methylamino]-ethoxy]acetic acid, 1,1-dimethylethyl ester;

[2-[[[2-(trifluoromethyl)phenyl]sulphonyl]methylamino]-ethoxy]acetic acid;

[2-[[[4-methoxy-2-(trifluoromethyl)phenyl]sulphonyl]-methylamino]ethoxy] acetic acid;

4-(3-quinuclidinyl)piperazine-1-carboxylic acid, 1,1-dimethylethyl ester;

(3RS)-3-(1-piperazinyl)-1-azabicyclo [2.2.2] octane;

(3(RS)-3-(1-piperazinyl)quinuclidine);

N-[2-[2-[4-[(3RS)-1-azabicyclo[2.2.2]oct-3-yl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-N,2,4,6-tetramethylbenzenesulphonamide, bis trifluoro-acetate;

N-[2-[2-[4-[(3RS)-1-azabicyclo[2.2.2]oct-3-yl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide;

N-[2-[2-[4-[(3RS)-1-azabicyclo[2.2.2]oct-3-yl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide, difumarate;

N-[2-[2-[4-[(3S)-1-azabicyclo[2.2.2]oct-3-yl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide;

N-[2-[2-[4-[(3S)-1-azabicyclo[2.2.2]oct-3-yl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide, fumarate;

1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide, fumarate;

4-(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)-1-piperazine-carboxylic acid, 1,1-dimethylethyl ester;

8-methyl-3-(1-piperazinyl)-8-azabicyclo[3.2.1]octane;

4-(1-azabicyclo[2.2.2]oct-3-yl)hexahydro-1*H*-1,4-diazepine-1-carboxylic acid, 1,1-dimethylethyl ester;

3-(hexahydro-1*H*-1,4-diazepine-1-yl)-1-azabicyclo[2.2.2]octane;

1-[[2-[(4-methoxy-2,6-dimethylphenyl)sulphonyl]methyl-amino]ethoxy]-acetyl]-4-[3-(1-pyrrolidinyl)propyl]piperazine, bis-trifluoroacetate;

1-[[2-[(4-methoxy-2,6-dimethylphenyl)sulphonyl]methyl-amino]-ethoxy]-acetyl]-4-[2-(4-morpholinyl)ethyl]piperazine, bis-trifluoroacetate;

1-[[2-[(4-methoxy-2,6-dimethylphenyl)sulphonyl]methyl-amino]ethoxy]acetyl]-4-[2-(1-piperidinyl)ethyl]piperazine, bis-trifluoroacetate;

1-[[2-[(4-methoxy-2,6-dimethylphenyl)sulphonyl]methyl-amino]ethoxy]acetyl]-4-[3-(1-piperidinyl)propyl]piperazine, bis-trifluoroacetate;

1-[[2-[(4-methoxy-2,6-dimethylphenyl)sulphonyl]methyl-amino]-ethoxy]-acetyl]-4-[dimethylamino)propyl]piperazine, bis-trifluoroacetate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, bis trifluoroacetate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-(8-methyl-8-azabicyclo[3.2.1]-oct-3-yl)-1-piperazinyl]-2-oxoethoxy]ethyl]-benzenesulphonamide, fumarate;

1-(1-azabicyclo[2.2.2]oct-3-yl)hexahydro-4-[[2-[(4-methoxy-2,6-dimethylphenyl)sulphonyl)methylamino]ethoxy]acetyl]-1*H*-1,4-diazepine, fumarate;

4-[1-(1,1-dimethylethyl)-4-piperidinyl]-1-piperazinecarboxylic acid, phenylmethyl ester;

1-[1-(1,1-dimethylethyl)-4-piperidinyl)piperazine;

4-(9-methyl-9-azabicyclo[3.3.1]non-3-yl)-1-piperazinecarboxylic acid, phenylmethyl ester;

1-(9-methyl-9-azabicyclo[3.3.1]non-3-yl)piperazine;

4-(1,2,2,6,6-pentamethyl-4-piperidinyl)-1-piperazinecarboxylic acid, phenylmethyl ester;

1-(1,2,2,6,6-pentamethyl-4-piperidinyl)piperazine;

4-[1-(1-methylethyl)-4-piperidinyl]-1-piperazinecarboxylic acid, 1,1-dimethylethyl ester;

1-[1-(1-methylethyl)-4-piperidinyl)piperazine, trihydrochloride;

4-(1-cyclopropyl-4-piperidinyl)-1-piperazinecarboxylic acid, phenylmethyl ester;

1-(1-cyclopropyl-4-piperidinyl)piperazine;

4-(1-methyl-4-piperidinyl)hexahydro-1*H*-1,4-diazepine-1-carboxylic acid, 1,1-dimethylethyl ester;

1-(1-methyl-4-piperidinyl)hexahydro-1*H*-1,4-diazepine, trihydrochloride;

4-(8-cyclopropyl-8-azabicyclo[3.2.1]oct-3-yl)-1-piperazinecarboxylic acid, 1,1-dimethylethyl ester;

8-cyclopropyl-3-(1-piperazinyl)-8-azabicyclo[3.2.1]octane;

4-[1-[(1,1-dimethylethoxy)carbonyl]-4-piperidinyl]-1-piperazinecarboxylic acid, phenylmethyl ester;

4-(4-piperidinyl)-1-piperazinecarboxylic acid, phenylmethyl ester;
4-(1-ethyl-4-piperidinyl)-1-piperazinecarboxylic acid, phenylmethyl ester;
1-(1-ethyl-4-piperidinyl)piperazine;
4-[8-[(1,1-dimethylethoxy)carbonyl]-8-azabicyclo[3.2.1]oct-3-yl]-1-piperazinecarboxylic acid, phenylmethyl ester;
4-(8-azabicyclo[3.2.1]oct-3-yl)-1-piperazinecarboxylic acid, phenylmethyl ester, hydrochloride;
4-(8-ethyl-8-azabicyclo[3.2.1]oct-3-yl)-1-piperazinecarboxylic acid, phenylmethyl ester;
1-(8-ethyl-8-azabicyclo[3.2.1]oct-3-yl)piperazine;
4-[8-(1-methylethyl)-8-azabicyclo[3.2.1]oct-3-yl]-1-piperazinecarboxylic acid, phenylmethyl ester;
1-[8-(1-methylethyl)-8-azabicyclo[3.2.1]oct-3-yl]piperazine;
Hexahydro-1-methyl-4-(1-oxo-2-propenyl)-*1H*-1,4-diazepine;
4-[3-(hexahydro-4-methyl-*1H*-1,4-diazepin-1-yl)-3-oxopropyl]-1-piperazinecarboxylic acid, phenylmethyl ester;
1-[3-(hexahydro-4-methyl-*1H*-1,4-diazepin-1-yl)-3-oxopropyl]piperazine;
1-[3-(hexahydro-4-methyl-*1H*-1,4-diazepin-1-yl)propyl]piperazine;
4-[2-(hexahydro-4-methyl-*1H*-1,4-diazepin-1-yl)-2-oxoethyl]-1-piperazinecarboxylic acid, phenylmethyl ester;
1-[2-(hexahydro-4-methyl-*1H*-1,4-diazepin-1-yl)-2-oxoethyl]piperazine;
1-[2-(hexahydro-4-methyl-*1H*-1,4-diazepin-1-yl)ethyl]piperazine;
1-(1-oxo-2-propenyl)azetidine;
4-[3-(1-azetidinyl)-3-oxopropyl]-1-piperazinecarboxylic acid, phenylmethyl ester;
1-[3-(1-azetidinyl)-3-oxopropyl]piperazine;
1-[3-(1-azetidinyl)propyl]piperazine;
 α -[(dimethylamino)methyl]-4-piperidinemethanol;
4-(1-pyrrolidinylmethyl)piperidine;
4-[(4-(1-methylethyl)-1-piperazinyl)-1-piperidinecarboxylic acid, phenylmethyl ester;
4-[4-(1-methylethyl)-1-piperazinyl]piperidine;

4-[(4-methyl-1-piperazinyl)methyl]-1-piperidinecarboxylic acid, phenylmethyl ester;

4-[(4-methyl-1-piperazinyl)methyl]piperidine;

4-[(1-azetidinyl)methyl]-1-piperidinecarboxylic acid, phenylmethyl ester;

4-[(1-azetidinyl)methyl]piperidine;

4-[(dimethylamino)methyl]-1-piperidinecarboxylic acid, phenylmethyl ester;

4-[(dimethylamino)methyl]piperidine;

4-[(4-ethyl-1-piperazinyl)methyl]-1-piperidinecarboxylic acid, 1,1-dimethylethyl ester;

4-[(4-ethyl-1-piperazinyl)methyl]piperidine;

4-[(hexahydro-4-methyl-1*H*-1,4-diazepin-1-yl)methyl]-1-piperidine-carboxylic acid, 1,1-dimethylethyl ester;

4-[(hexahydro-4-methyl-1*H*-1,4-diazepin-1-yl)methyl]piperidine;

4-(hexahydro-4-methyl-1*H*-1,4-diazepin-1-yl)-1-piperidinecarboxylic acid, 1,1-dimethylethyl ester;

4-(hexahydro-4-methyl-1*H*-1,4-diazepin-1-yl)piperidine, trihydrochloride;

4-(4-cyclopropyl-1-piperazinyl)-1-piperidinecarboxylic acid, phenylmethyl ester

4-(4-cyclopropyl-1-piperazinyl)piperidine;

4-[4-(1,1-dimethylethyl)-1-piperazinyl]-1-piperidinecarboxylic acid, phenylmethyl ester;

4-[4-(1,1-dimethylethyl)-1-piperazinyl]piperidine;

4-(4-piperidinyl)-1-piperidinecarboxylic acid, 1,1-dimethylethyl ester;

4-(1-ethyl-4-piperidinyl)-1-piperidinecarboxylic acid, 1,1-dimethylethyl ester;

4-(1-ethyl-4-piperidinyl)piperidine, dihydrochloride;

4-[1-(1-methylethyl)-4-piperidinyl]-1-piperidinecarboxylic acid, 1,1-dimethylethyl ester;

4-[1-(1-methylethyl)-4-piperidinyl]piperidine, dihydrochloride;

4-(1-cyclopropyl-4-piperidinyl)-1-piperidinecarboxylic acid, 1,1-dimethylethyl ester;

4-(1-cyclopropyl-4-piperidinyl)piperidine, dihydrochloride;

4-[2-(4-piperidinyl)ethyl]-1-piperidinecarboxylic acid, 1,1-dimethylethyl ester;

4-[2-(1-methyl-4-piperidinyl)ethyl]piperidine;

4-[2-(4-methyl-1-piperazinyl)ethyl]pyridine;

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4-[2-(1-piperidinyl)ethyl]pyridine;

4-[2-[(methyl)(1-methylethyl)amino]ethyl]pyridine;

4-[2-(4-morpholinyl)ethyl]pyridine;

4-[2-(1-azetidinyl)ethyl]pyridine;

(Methyl)[2-(4-pyridinyl)ethyl]carbamic acid, 1,1-dimethylethyl ester;

4-[2-[(methyl)(ethyl)amino]ethyl]pyridine;

4-[2-(diethylamino)ethyl]pyridine;

4-[2-(hexahydro-4-methyl-1*H*-1,4-diazepin-1-yl)ethyl]pyridine;

4-[2-(4-methyl-1-piperazinyl)ethyl]piperidine;

4-[2-(dimethylamino)ethyl]piperidine;

4-[2-(1-pyrrolidinyl)ethyl]piperidine;

4-[2-(1-piperidinyl)ethyl]piperidine;

4-[2-[(methyl)(1-methylethyl)amino]ethyl]piperidine;

4-[2-(4-morpholinyl)ethyl]piperidine;

4-[2-(1-azetidinyl)ethyl]piperidine;

(Methyl)[2-(4-piperidinyl)ethyl]carbamic acid, 1,1-dimethylethyl ester;

4-[2-[(methyl)(ethyl)amino]ethyl]piperidine;

4-[2-(diethylamino)ethyl]piperidine;

4-[2-(hexahydro-4-methyl-1*H*-1,4-diazepin-1-yl)ethyl]-piperidine;

4-(2-hydroxy-1,1-dimethylethyl)-1-piperidinecarboxylic acid, 1,1-dimethylethyl ester;

4-(1,1-dimethyl-2-oxoethyl)-1-piperidinecarboxylic acid, 1,1-dimethylethyl ester;

4-[2-(1-azetidinyl)-1,1-dimethylethyl]-1-piperidinecarboxylic acid, 1,1-dimethylethyl ester;

4-[2-(1-azetidinyl)-1,1-dimethylethyl]piperidine, bis(trifluoroacetate);

4-[2-(4-morpholinyl)-1,1-dimethylethyl]-1-piperidinecarboxylic acid, 1,1-dimethylethyl ester;

4-[2-(4-morpholinyl)-1,1-dimethylethyl]piperidine, bis(trifluoroacetate);

4-[2-(1-piperidinyl)-1,1-dimethylethyl]pyridine;

4-[2-(1-piperidinyl)-1,1-dimethylethyl]piperidine;

4-[2-(1-pyrrolidinyl)-1,1-dimethylethyl]piperidine;

4-[2-(diethylamino)-1,1-dimethylethyl]piperidine;

N,1-dimethyl-N-[1-(phenylmethyl)-4-piperidinyl]-4-piperidinamine;
N,1-dimethyl-N-(4-piperidinyl)-4-piperidinamine;
4-[2-oxo-2-(4-methyl-1-piperazinyl)ethyl]pyridine;
4-[2-oxo-2-(4-methyl-1-piperazinyl)ethyl]piperidine;
N-[2-[2-[4-[3-(1-azetidinyl)propyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, difumarate;
N-[2-[2-[4-(1-methyl-3-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, difumarate;
N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-cyclopropyl-2,6-dimethylbenzenesulphonamide, difumarate;
N-[2-[2-[4-[2-(1-pyrrolidinyl)ethyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-cyclopropyl-2,6-dimethylbenzenesulphonamide, difumarate;
N-[2-[2-[4-[(1-methyl-2-imidazolyl)methyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, difumarate;
N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-ethyl-2,6-dimethylbenzenesulphonamide, difumarate;
N-[2-[2-[4-[3-(dimethylamino)propyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-ethyl-2,6-dimethylbenzenesulphonamide, difumarate;
N-[2-[2-[4-(9-methyl-9-azabicyclo[3.3.1]non-3-yl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, fumarate;
N-[2-[2-[4-[3-(1-pyrrolidinyl)propyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-ethyl-2,6-dimethylbenzenesulphonamide, difumarate;
N-[2-[2-[4-[3-(1-pyrrolidinyl)propyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-cyclopropyl-2,6-dimethylbenzenesulphonamide, difumarate;
N-[2-[2-[4-(8-cyclopropyl-8-azabicyclo[3.2.1]oct-3-yl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, fumarate;
N-[2-[2-[4-(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-ethyl-2,6-dimethylbenzenesulphonamide, difumarate;

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N-[2-[2-[4-(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-cyclopropyl-2,6-dimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-(1-cyclopropyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-(1-methylethyl)-2,6-dimethylbenzenesulphonamide, difumarate.

N-[2-[2-[4-(1-ethyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, fumarate;

N-[2-[2-[4-[1-(1,1-dimethylethyl)-4-piperidinyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide, difumarate;

N-[2-[2-[4-[(1-methyl-4-piperidinyl)methyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide, fumarate;

N-[2-[2-[4-[3-(dimethylamino)propyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-2,6-dichloro-4-methoxy-N-methyl-benzene-sulphonamide, difumarate;

N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-2,6-dichloro-4-methoxy-N-methyl-benzene-sulphonamide, difumarate;

N-[2-[2-[4-[2-(1-methyl-4-piperidinyl)ethyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide, difumarate;

N-[2-[2-[4-(1-methyl-4-piperidinyl)hexahydro-1*H*-1,4-diazepin-1-yl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, fumarate;

N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-(1-methylethyl)-2,6-dimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-[1-(1-methylethyl)-4-piperidinyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, fumarate;

N-[2-[2-[4-[3-(1-piperidinyl)propyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-ethyl-2,6-dimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-2,4-dichloro-6-methoxy-N-methyl-benzene-sulphonamide, difumarate;

N-[2-[2-[4-(1-ethyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-2,6-dichloro-4-methoxy-N-methyl-benzene-sulphonamide, fumarate;

N-[2-[2-[4-((3S)-1-azabicyclo[2.2.2]oct-3-yl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-methyl-2,6-dichlorobenzenesulphonamide, fumarate;

N-[2-[2-[4-(1,2,2,6,6-pentamethyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide, bis(trifluoroacetate);

N-[2-[2-[4-[3-(4-methyl-1-piperazinyl)propyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide, difumarate;

N-[2-[2-[4-(8-ethyl-8-azabicyclo[3.2.1]oct-3-yl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide, difumarate;

N-[2-[2-[4-[3-(4-methyl-hexahydro-1H-1,4-diazepin-1-yl)propyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-[8-(1-methylethyl)-8-azabicyclo[3.2.1]oct-3-yl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-[3-(4-methyl-hexahydro-1H-1,4-diazepin-1-yl)-3-oxo-propyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, bis(trifluoroacetate);

N-[2-[2-[4-[2-(4-methyl-hexahydro-1H-1,4-diazepin-1-yl)ethyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, trifumarate;

N-[2-[2-[4-((3S)-1-azabicyclo[2.2.2]oct-3-yl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-cyclopropyl-2,6-dimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-((3S)-1-azabicyclo[2.2.2]oct-3-yl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-ethyl-2,6-dimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-[2-(diethylamino)ethyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, fumarate;

[2-[methyl(phenylmethyl)amino]ethoxy]acetic acid, 1,1-dimethylethyl ester;

[2-[methyl(phenylmethyl)amino]ethoxy]acetic acid, lithium salt;

N-methyl-N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]-2-oxoethoxy]ethyl]-benzenemethanamine;

N-methyl-2-[2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]-2-oxoethoxy]ethanamine;

2,6-dichloro-4-fluorobenzenesulphonyl chloride;

N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-2,6-dichloro-4-fluoro-N-methyl-benzene-sulphonamide;

N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-2,6-dichloro-4-fluoro-N-methyl-benzene-sulphonamide, difumarate;

N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-bromo-2,6-dichloro-N-methyl-benzenesulphonamide;

N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-bromo-2,6-dichloro-N-methyl-benzenesulphonamide, difumarate;

N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-2,4,6-trichloro-N-methyl-benzenesulphonamide;

N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-2,4,6-trichloro-N-methyl-benzenesulphonamide, difumarate;

N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-2,4-dichloro-6-methyl-N-methyl-benzenesulphonamide;

N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-2,4-dichloro-6-methyl-N-methyl-benzenesulphonamide, difumarate;

N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-2,3,6-trimethyl-N-methyl-benzenesulphonamide;

4-methoxy-N,2,3,6-tetramethyl-N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]benzene-sulphonamide, difumarate;

4-[[2-[(4-methoxy-2,6-dimethylphenyl)sulphonyl]

methylamino]ethoxy]acetyl]-1-piperazinecarboxylic acid, 1,1-dimethylethyl ester;

4-methoxy-N,2,6-trimethyl-N-[2-[2-oxo-2-(1-piperazinyl)ethoxy]ethyl]

benzenesulphonamide; 4-(3-oxopropyl)-1-piperidinecarboxylic acid, phenylmethyl ester;

4-[3-[4-[[2-[(4-methoxy-2,6-dimethylphenyl)sulphonyl]methyl

amino]ethoxy]acetyl]-1-piperazinyl]propyl]-1-piperidinecarboxylic acid,

phenylmethyl ester;

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4-methoxy-N,2,6-trimethyl-N-[2-[2-oxo-2-[4-[3-(4-piperidinyl)propyl]-1-piperazinyl]ethoxy]ethyl]benzene-sulphonamide;

4-methoxy-N,2,6-trimethyl-N-[2-[2-oxo-2-[4-[3-(1-methyl-4-piperidinyl)propyl]-1-piperazinyl]ethoxy]ethyl]benzene-sulphonamide;

4-methoxy-N,2,6-trimethyl-N-[2-[2-oxo-2-[4-[3-(1-methyl-4-piperidinyl)propyl]-1-piperazinyl]ethoxy]ethyl]benzene-sulphonamide, difumarate;

4-[4-(phenylmethyl)-1-piperazinyl]-1-piperidinecarboxylic acid, 1,1-dimethylethyl ester;

4-(1-piperazinyl)-1-piperidinecarboxylic acid, 1,1-dimethylethyl ester;

4-[4-[[2-[(4-methoxy-2,6-dimethylphenyl)sulphonyl]-methylaminoethoxy]acetyl]-1-piperazinyl]-1-piperidinecarboxylic acid, 1,1-dimethylethyl ester;

4-methoxy-N,2,6-trimethyl-N-[2-[2-oxo-2-[4-(4-piperidinyl)-1-piperazinyl]ethoxy]ethyl]benzenesulphonamide, bis(trifluoroacetate);

4-(6-nitro-3-pyridinyl)-1-piperazinecarboxylic acid, 1,1-dimethylethyl ester;

1-(6-nitro-3-pyridinyl)piperazine, bis(trifluoroacetate);

4-methoxy-N,2,6-trimethyl-N-[2-[2-oxo-2-[4-(6-nitro-3-pyridinyl)-1-piperazinyl]ethoxy]ethyl]benzenesulphonamide;

4-methoxy-N,2,6-trimethyl-N-[2-[2-oxo-2-[4-(6-amino-3-pyridinyl)-1-piperazinyl]ethoxy]ethyl]benzenesulphonamide;

4-methoxy-N,2,6-trimethyl-N-[2-[2-oxo-2-[4-(6-amino-3-pyridinyl)-1-piperazinyl]ethoxy]ethyl]benzenesulphonamide, fumarate;

N-[2-[2-[4-[2-(dimethylamino)-1,1-dimethylethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, trifluoroacetate;

N-[2-[2-[4-[2-(dimethylamino)-1-hydroxyethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, trifluoroacetate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-(4-methyl-1-piperazinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-(4-methyl-1-piperazinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

N-cyclopropyl-4-methoxy-2,6-dimethyl-N-[2-[2-[4-(4-methyl-1-piperazinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, difumarate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[2-(1-pyrrolidinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[4-(1-methylethyl)-1-piperazinyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

N-ethyl-4-methoxy-2,6-dimethyl-N-[2-[2-[4-[2-(1-pyrrolidinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

N-cyclopropyl-4-methoxy-2,6-dimethyl-N-[2-[2-[4-[2-(1-pyrrolidinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

N-[2-[2-[4-[2-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-4-methoxy-N,2,6-trimethyl-benzenesulphonamide, difumarate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[2-[methyl(1-methylethyl)amino]ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-benzenesulphonamide, fumarate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[methyl(1-methyl-4-piperidinyl)amino]-1-piperidinyl]-2-oxoethoxy]ethyl]-benzene-sulphonamide, fumarate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[1-(1-methylethyl)-4-piperidinyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-(1-ethyl-4-piperidinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-(1-cyclopropyl-4-piperidinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[2-(4-morpholinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[1,1-dimethyl-2-(1-azetidinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

N-ethyl-4-methoxy-2,6-dimethyl-*N*-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

N-[2-[2-[4-(hexahydro-4-methyl-1*H*-1,4-diazepin-1-yl)-1-piperidinyl]-2-oxoethoxy]ethyl]-4-methoxy-*N*,2,6-trimethyl-benzenesulphonamide, fumarate;

N-cyclopropyl-4-methoxy-2,6-dimethyl-*N*-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

2,4-dichloro-*N*,3-dimethyl-*N*-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[2-(1-azetidinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

2,6-dichloro-4-methoxy-*N*-methyl-*N*-[2-[2-[4-[2-(dimethylamino)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-benzenesulphonamide, fumarate;

2,6-dichloro-4-methoxy-*N*-methyl-*N*-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[(1-pyrrolidinyl)methyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[(4-ethyl-1-piperazinyl)methyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

N-cyclopropyl-4-methoxy-2,6-dimethyl-*N*-[2-[2-[4-[(4-methyl-1-piperazinyl)methyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, difumarate;

N-ethyl-4-methoxy-2,6-dimethyl-*N*-[2-[2-[4-[(4-methyl-1-piperazinyl)methyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, difumarate;

N-methyl-4-methoxy-2,6-dichloro-*N*-[2-[2-[4-[(4-methyl-1-piperazinyl)methyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, difumarate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[1,1-dimethyl-2-(1-piperidinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, trifluoroacetate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[1,1-dimethyl-2-(1-pyrrolidinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

N-[2-[2-[4-[2-(ethylmethylamino)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide, fumarate;

N-[2-[2-[4-[2-(diethylamino)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide, fumarate;

4-methoxy-N-(1-methylethyl)-2,6-dimethyl-N-[2-[2-[4-[2-(1-pyrrolidinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[1,1-dimethyl-2-(4-morpholinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

*N-[2-[2-[4-[2-(hexahydro-4-methyl-1*H*-1,4-diazepin-1-yl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, difumarate;*

*N-[2-[2-[4-[(hexahydro-4-methyl-1*H*-1,4-diazepin-1-yl)methyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, difumarate;*

4-methoxy-N-[2-[2-[4-[2-(1-methyl-4-piperidinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-N,2,6-trimethylbenzenesulphonamide, fumarate;

4-methoxy-N-[2-[2-[4-[2-(1-piperidinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-N,2,6-trimethylbenzenesulphonamide, fumarate;

4-methoxy-N-[2-[2-[4-[2-(1-pyrrolidinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-N-methyl-2-trifluoromethyl-benzenesulphonamide, trifluoroacetate;

4-methoxy-N-[2-[2-[4-[2-(1-methyl-4-piperazinyl)-2-oxoethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-N,2,6-trimethylbenzenesulphonamide, fumarate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[1,1-dimethyl-2-(diethylamino)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, trifluoroacetate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-(dimethylamino)methyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[(1-azetidinyl)methyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

N,2,4,6-tetramethyl-N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, trifluoroacetate;

N-methyl-*N*[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]-2-trifluoromethyl-benzenesulphonamide, trifluoroacetate;

4-methoxy-*N*-methyl-*N*[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]-2-trifluoromethyl-benzenesulphonamide, trifluoroacetate;

N,2,4,6-tetramethyl-*N*[2-[2-[4-(2-pyrrolidinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, trifluoroacetate;

2,6-dichloro-4-methoxy-*N*-methyl-*N*[2-[2-[4-(1-methyl-4-piperazinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, difumarate;

4-methoxy-*N*,2,6-trimethyl-*N*[2-[2-[4-(dimethylamino)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

4-methoxy-*N*,2,6-trimethyl-*N*[2-[2-[4-(4-cyclopropyl-1-piperazinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

4-methoxy-*N*,2,6-trimethyl-*N*[2-[2-[4-(1,1-dimethylethyl)-1-piperazinyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, difumarate;

4-methoxy-*N*,2,6-trimethyl-*N*[2-[2-[4-[(4-methyl-1-piperazinyl)methyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, difumarate;

4-methoxy-*N*,2,6-trimethyl-*N*[2-[2-[4-[2-(4-methyl-1-piperazinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, difumarate;

4-methoxy-*N*,2,6-trimethyl-*N*[2-[2-[4-(3-hydroxypropyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide;

4-methoxy-*N*,2,6-trimethyl-*N*[2-[2-[4-[3-[(4-methylphenyl)sulphonyl]oxy]propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide;

4-methoxy-*N*,2,6-trimethyl-*N*[2-[2-[4-[3-(4-morpholinyl)-propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide;

4-methoxy-*N*,2,6-trimethyl-*N*[2-[2-[4-[3-(4-morpholinyl)-propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

4-methoxy-*N*,2,6-trimethyl-*N*[2-[2-[4-[3-(1-pyrrolidinyl)propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[3-(1-pyrrolidinyl)propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[3-(hexahydro-4-methyl-1*H*-1,4-diazepin-1-yl)propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[3-(hexahydro-4-methyl-1*H*-1,4-diazepin-1-yl)propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, difumarate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[3-(4-methyl-1-piperazinyl)propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[3-(4-methyl-1-piperazinyl)propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, difumarate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[3-(1-azetidinyl)propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[3-(1-azetidinyl)propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[3-(dimethylamino)-propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[3-(dimethylamino)-propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-benzenesulphonamide, fumarate;

1'-[[2-[(4-methoxy-2,6-dimethylphenyl)sulphonyl]methyl-amino]ethoxy]acetyl] [4,4'-bipiperidine]-1-carboxylic acid, 1,1-dimethylethyl ester;

N-[2-(2-[4,4'-bipiperidin]-1-yl-2-oxoethoxy)ethyl]-4-methoxy-N,2,6-trimethyl-benzenesulphonamide, trifluoroacetate;

[2-[1-[[2-[(4-methoxy-2,6-dimethylphenyl)sulphonyl]methyl-amino]ethoxy]acetyl]-4-piperidinyl]ethyl]methyl-carbamic acid, 1,1-dimethylethyl ester;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[2-(methylamino)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[2-(methylamino)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

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[1-[2-[(4-methoxy-2,6-dimethylphenyl)sulphonyl]methyl-amino]ethoxy]acetyl]-4-piperidinyl]carbamic acid, 1,1-dimethylethyl ester;

N-[2-[2-(4-amino-1-piperidinyl)-2-oxoethoxy]ethyl]-4-methoxy-*N*,2,6-trimethylbenzenesulphonamide;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)amino]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)amino]-1-piperidinyl]-2-oxoethoxy]-ethyl]benzenesulphonamide, bis(trifluoroacetate);

[1-[2-[(4-methoxy-2,6-dimethylphenyl)sulphonyl]methyl-amino]ethoxy]acetyl]-4-piperidinyl]methylcarbamic acid, 1,1-dimethylethyl ester;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-(methylamino)-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[methyl(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)amino]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[methyl(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)amino]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, bis(trifluoroacetate);

4-[[1-[(1,1-dimethylethoxy)carbonyl]-4-piperidinyl]methyl]-1-piperazinecarboxylic acid, phenylmethyl ester;

4-(4-piperidinylmethyl)-1-piperazinecarboxylic acid, phenylmethyl ester;

4-[[1-[[2-[(4-methoxy-2,6-dimethylphenyl)sulphonyl]methyl-amino]ethoxy]acetyl]-4-piperidinyl]methyl]-1-piperazinecarboxylic acid, phenylmethyl ester;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-oxo-2-[4-(1-piperazinyl-methyl)-1-piperidinyl]ethoxy]ethyl]benzenesulphonamide;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-oxo-2-[4-(1-piperazinyl-methyl)-1-piperidinyl]ethoxy]ethyl]benzenesulphonamide, fumarate;

1-[[2-[(4-methoxy-2,6-dimethylphenyl)sulphonyl]methylamino]ethoxy]acetyl]-4-piperidinecarboxylic acid, ethyl ester;

1-[[2-[(4-methoxy-2,6-dimethylphenyl)sulphonyl]methylamino]ethoxy]acetyl]-4-piperidinecarboxylic acid;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-oxo-2-[4-[1-oxo-2-(4-methyl-1-piperazinyl)ethyl]-1-piperidinyl]ethoxy]-ethyl]benzenesulphonamide, bis(trifluoroacetate);
4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-(1-methyl-4-piperidinyl)]-1-piperazinyl]-2-oxoethoxy]ethyl]benzenesulphonamide;
4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-(1-methyl-4-piperidinyl)]-1-piperazinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, dihydrochloride;
4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-(1-methyl-4-piperidinyl)]-1-piperazinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, difumarate; or
a salt thereof.

11. (Currently Amended) A therapeutic composition comprising a formula I compound of claim 10 or a salt thereof and a physiologically acceptable excipient.